



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

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Monoclonal Antibody To Human CD11a α L Integrin Chain

Monoclonal antibody MEM-25 recognizes the CD11a subunit of the α L β 2 integrin heterodimer, also called lymphocyte-function-associated antigen 1 (LFA-1). CD11a is a general marker of leukocytes in immune and other tissues. The antibody blocks binding of LFA-1 to ICAM-1.

Product Number:	T-1035
Clone:	MEM-25
Host species, isotype:	Mouse IgG1
Quantity:	200 μ g
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS and immunoprecipitation, not in Western Blots. Approximate working dilution for IHC: Frozen sections: 0.2 μ g/ml (1:2000) Paraffin sections: not tested. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil.
Immunogen:	Mixed leukocyte preparation.
Antigen, epitope:	The antigen is CD11a, the epitope has not been further characterized.
Specificity:	Human: Broad reactivity with all leukocytes. Non-hemopoietic tissues and platelets are not reactive. Other: not tested.



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Selected references

Bazil, V. et al.: *Folia Biol.* **36**, 41 (1990)

Leucocyte Typing IV. (W. Knapp et al., eds.), Oxford University Press, 1989



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For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.

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